

IOWA STATE UNIVERSITY

Digital Repository

Integrated Crop Management News

Agriculture and Natural Resources

6-17-2009

Time to Scout for Corn Rootworm Larvae

Erin W. Hodgson

Iowa State University, ewh@iastate.edu

Jon J. Tollefson

Iowa State University, tolly@iastate.edu

Follow this and additional works at: <http://lib.dr.iastate.edu/cropnews>



Part of the [Agricultural Science Commons](#), [Agriculture Commons](#), and the [Entomology Commons](#)

Recommended Citation

Hodgson, Erin W. and Tollefson, Jon J., "Time to Scout for Corn Rootworm Larvae" (2009). *Integrated Crop Management News*. Paper 629.

<http://lib.dr.iastate.edu/cropnews/629>

This Article is brought to you for free and open access by the Agriculture and Natural Resources at Digital Repository @ Iowa State University. It has been accepted for inclusion in Integrated Crop Management News by an authorized administrator of Digital Repository @ Iowa State University. For more information, please contact digirep@iastate.edu.

[Subscribe to Crop News](#)

Archives

[2015](#)[2014](#)[2013](#)[2012](#)[2011](#)[2010](#)[2009](#)[2008](#)[Previous Years](#)

ISU Crop Resources

[Extension Field Agronomists](#)[Crop & Soils Info](#)[Pesticide Applicator Training](#)[Agronomy Extension](#)[Entomology Extension](#)[Plant Pathology Extension](#)[Ag and Biosystems Engineering Extension](#)[Agribusiness Education Program](#)[Iowa Grain Quality Initiative](#)[College of Agriculture and Life Sciences](#)[ISU Extension](#)

Integrated Crop Management NEWS

[PRINT STORY](#)
[EMAIL STORY](#)
[ADD TO DELICIOUS](#)
[ATOM FEED](#)
[FOLLOW ON TWITTER](#)

Time to Scout for Corn Rootworm Larvae

By Erin Hodgson and Jon Tollefson, Department of Entomology

Reports from neighboring states have indicated corn rootworm larval hatch for 2009. June 6 has been considered an average hatch date in Iowa, so first and second instars should be actively feeding if present. This is the time to apply a rescue treatment for corn rootworm, and scouting will help determine if action is necessary.

There have been reported [failures](#) of Bt corn in Iowa, so we recommend scouting every field every year to ensure root protection. Of course Bt fields require a [refuge](#), and that is where larvae are more likely feeding. If an average of one or more larvae per plant is found, a rescue insecticide should be considered.

There are limited products registered in Iowa for corn rootworm larvae after corn emergence (Table 1). Follow label directions and pay attention to spray guidelines. Post-emergent insecticides applied after the end of June will not be as effective because most of the root injury will have occurred already.

Table 1. Labeled post-emergent insecticides for corn rootworm larvae.

Product (active ingredient)	Application rate	Preharvest interval
Furadan 4F* (carbofuran)	2 pints/ac ^Ω	30 days
Lorsban 15G* (chlorpyrifos)	8 oz/1000 row ft	21 days

* Restricted use pesticide.

Ω Please see ICM News article on [Furadan](#) and residues for 2010 and beyond.

Three additional resources that may be of interest for corn rootworm management are:

[The Corn Rootworm Home Page](#)

[Interactive Node-Injury Scale](#)

[Evaluation of corn rootworm hybrids](#)

Erin Hodgson is an assistant professor of entomology with extension and research responsibilities. She can be contacted by email at ewh@iastate.edu or phone (515) 294-2847. Jon Tollefson is a professor of entomology with responsibilities in research and extension. He can be reached at

tolly@iastate.edu.

This article was published originally on 6/17/2009. The information contained within the article may or may not be up to date depending on when you are accessing the information.

Links to this material are strongly encouraged. This article may be republished without further permission if it is published as written and includes credit to the author, Integrated Crop Management News and Iowa State University Extension. Prior permission from the author is required if this article is republished in any other manner.